TOTE80" 26E2h660

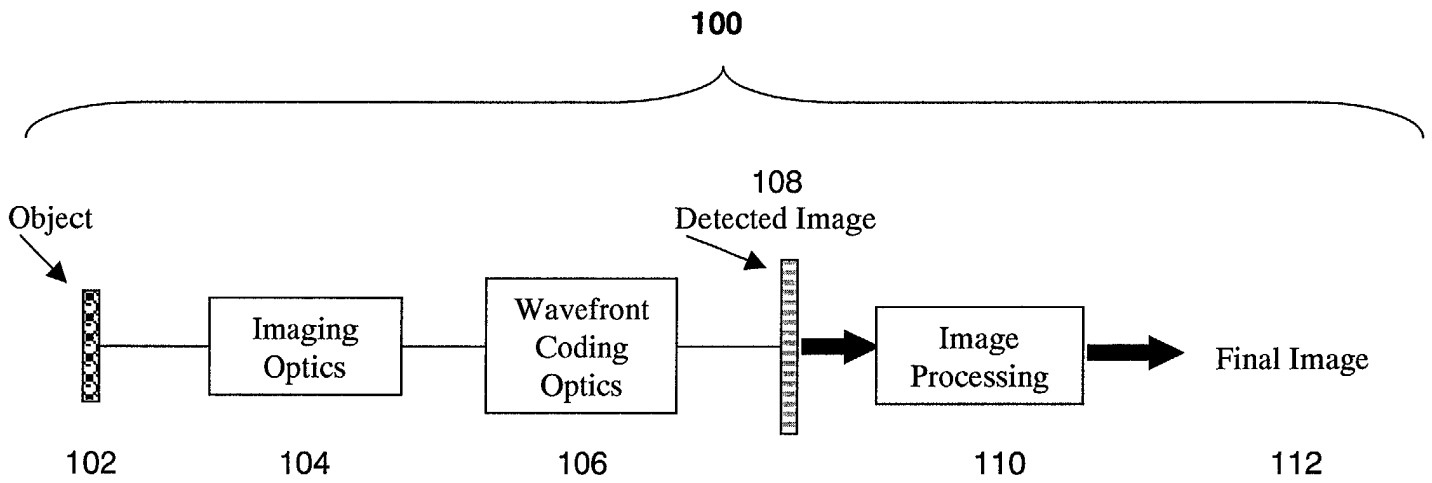
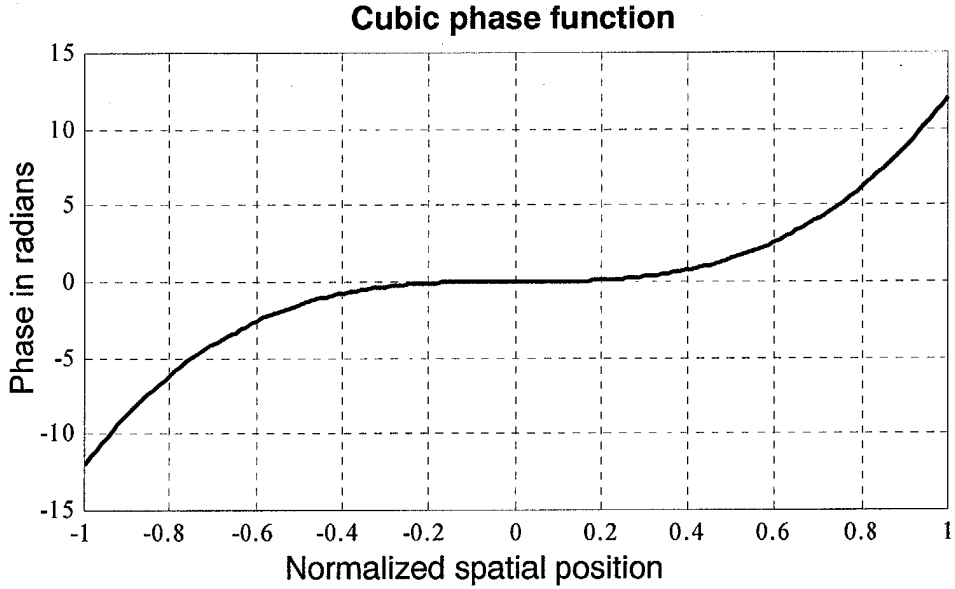


Figure 1 (Prior Art)

JOTE80" 2622h660



2D contour plot of cubic phase function

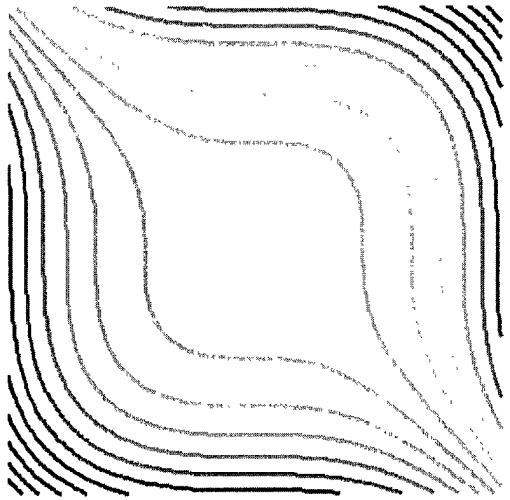


Figure 2 (Prior Art)

TOTE80" 26E2h660

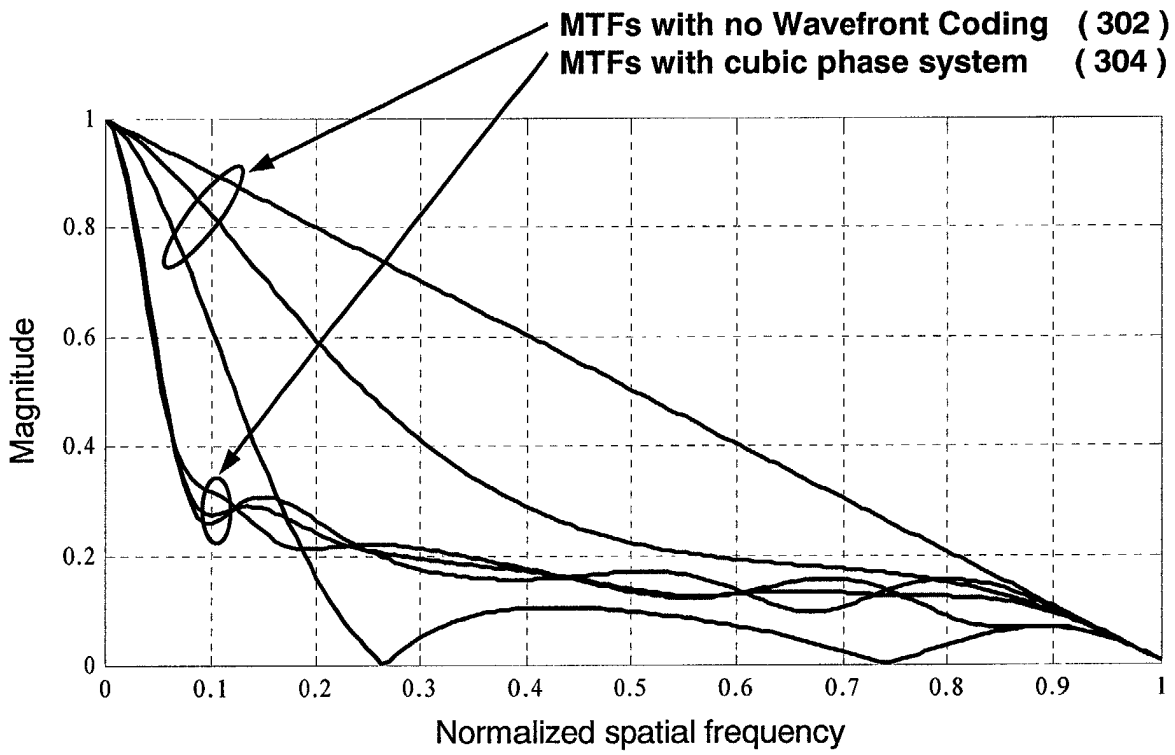


Figure 3 (Prior Art)

TOTE80" 26E2h660

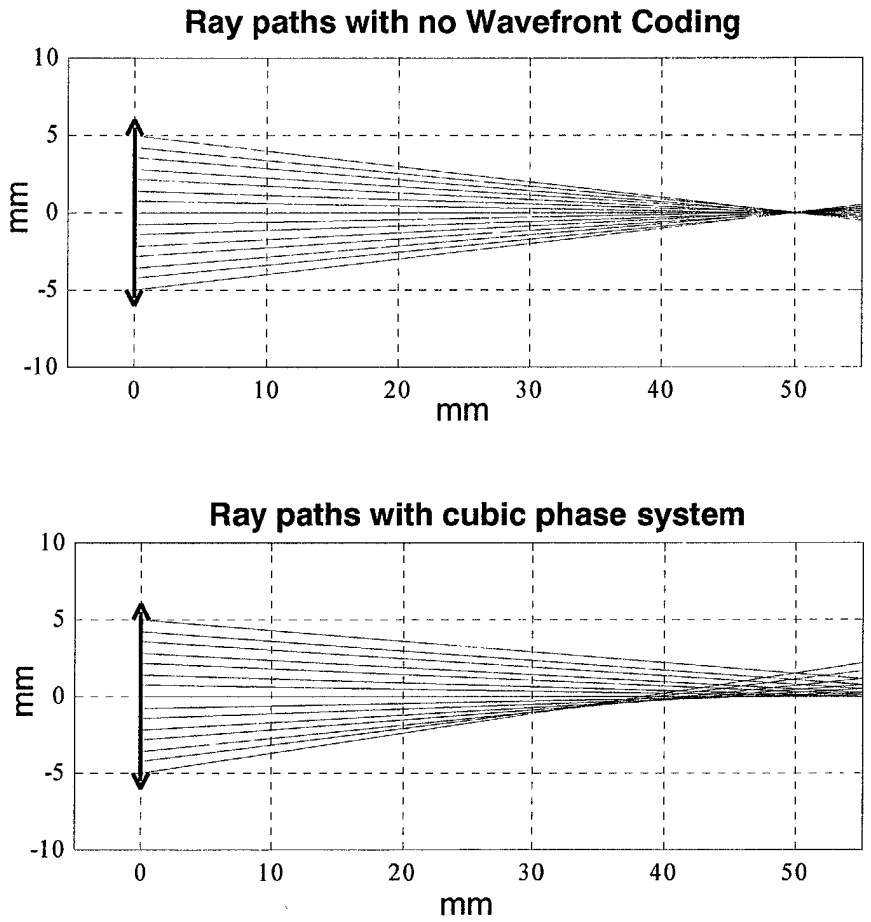


Figure 4 (Prior Art)

TOTE80" 26E2H660

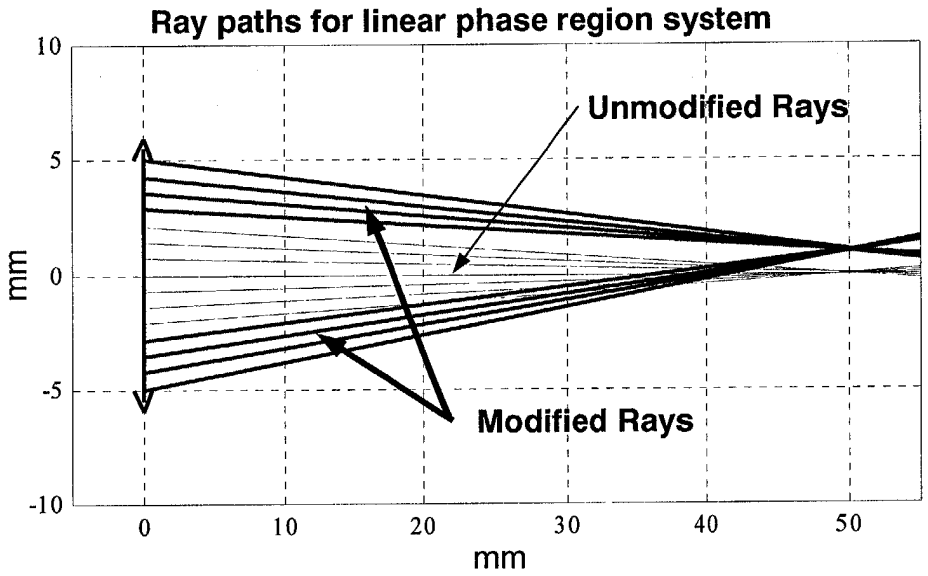


Figure 5A

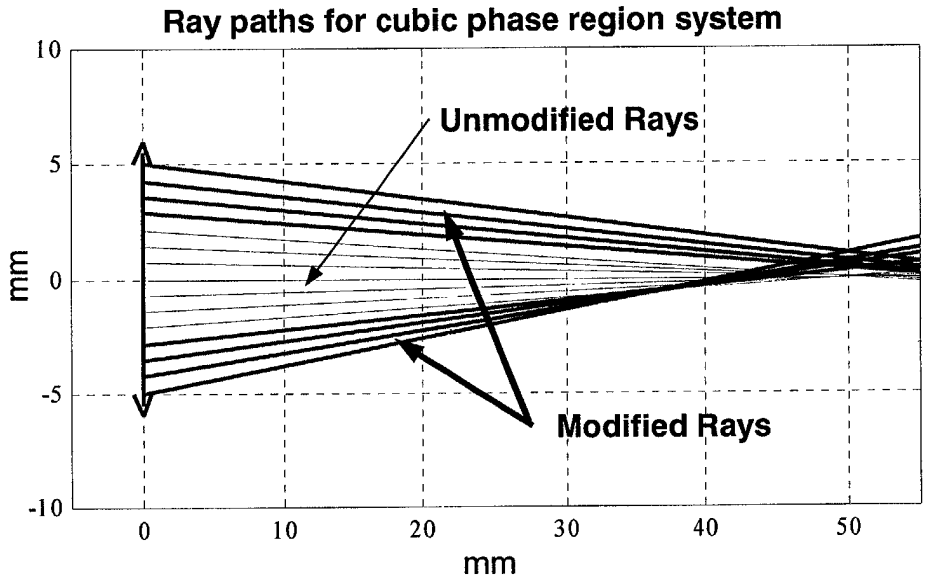
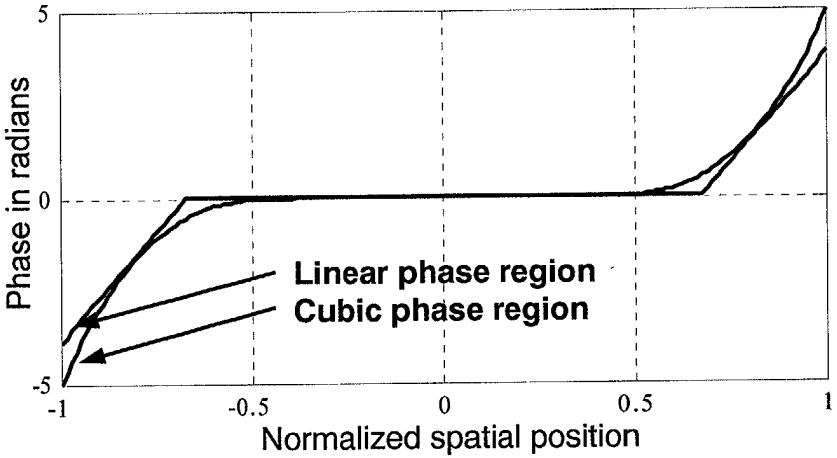
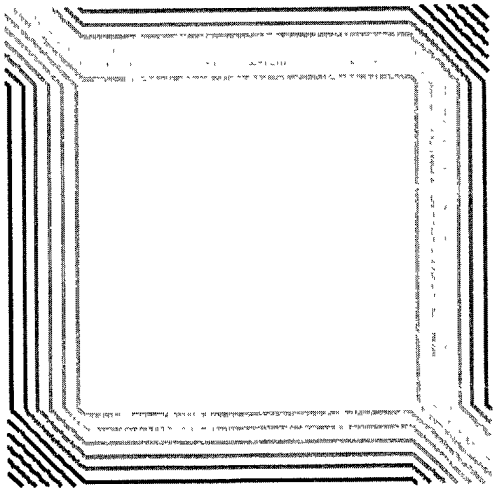


Figure 5B



2D contour of linear phase region



2D contour of cubic phase region

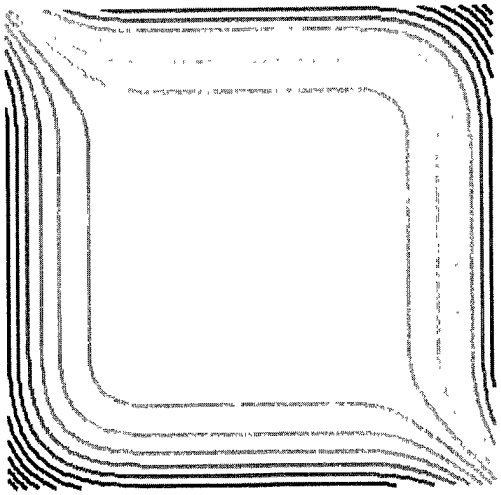


Figure 6

TOTE80" 2662h660

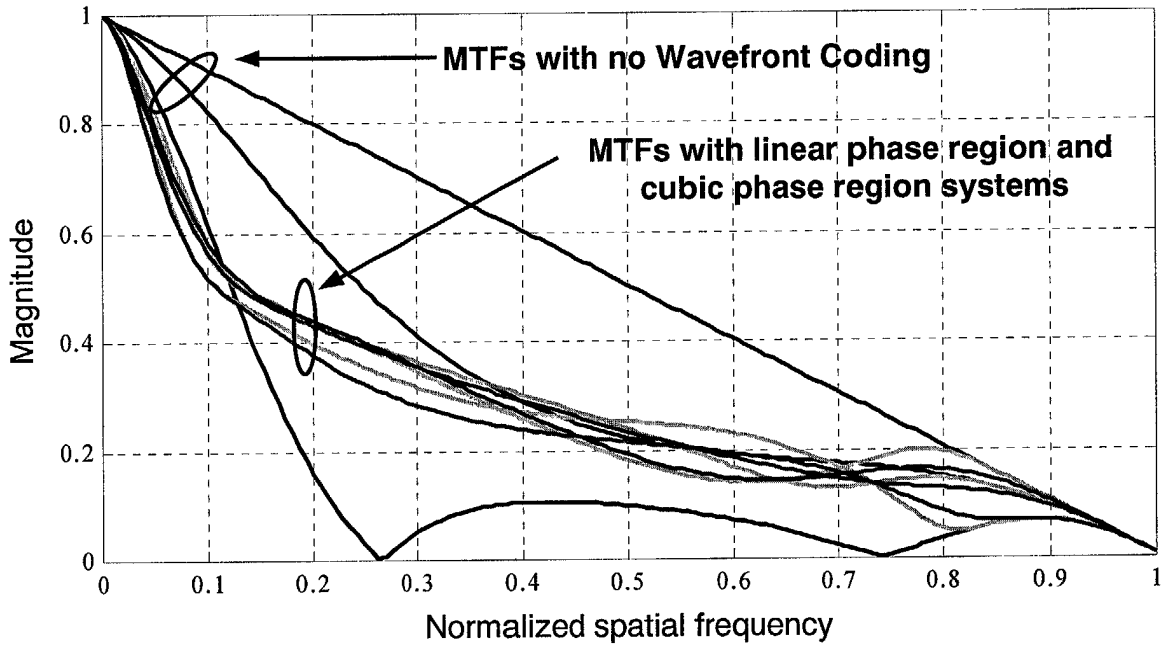


Figure 7

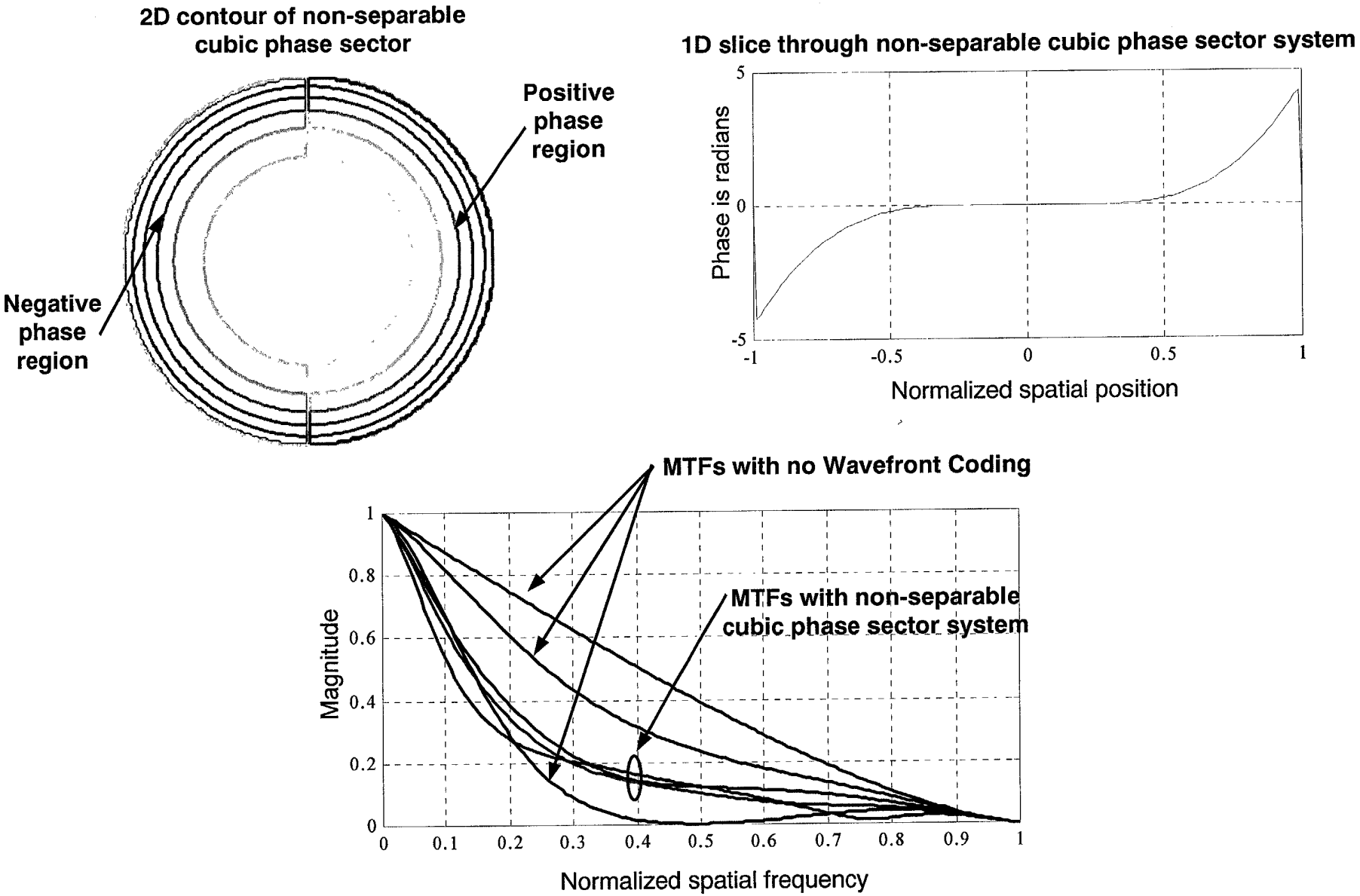
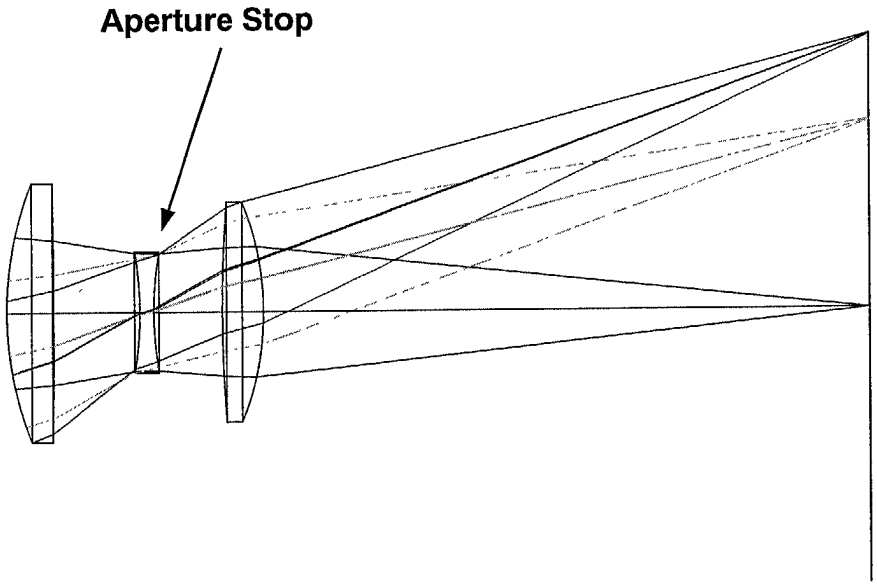

2D contour of non-separable cubic phase sector
Positive phase region
Negative phase region
1D slice through non-separable cubic phase sector system
Phase is radians
5
0
-5
-1
-0.5
0
0.5
1
Normalized spatial position
MTFs with no Wavefront Coding
MTFs with non-separable cubic phase sector system
Magnitude
1
0.8
0.6
0.4
0.2
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Normalized spatial frequency

Figure 8



Focal length = 50 mm
F/# = 5.0
HFOV = 20 degrees
Pixel Pitch = 7.6 microns
Fill Factor = 100%
Grayscale

Figure 9 (Prior Art)

TOTE80" 26E2h660

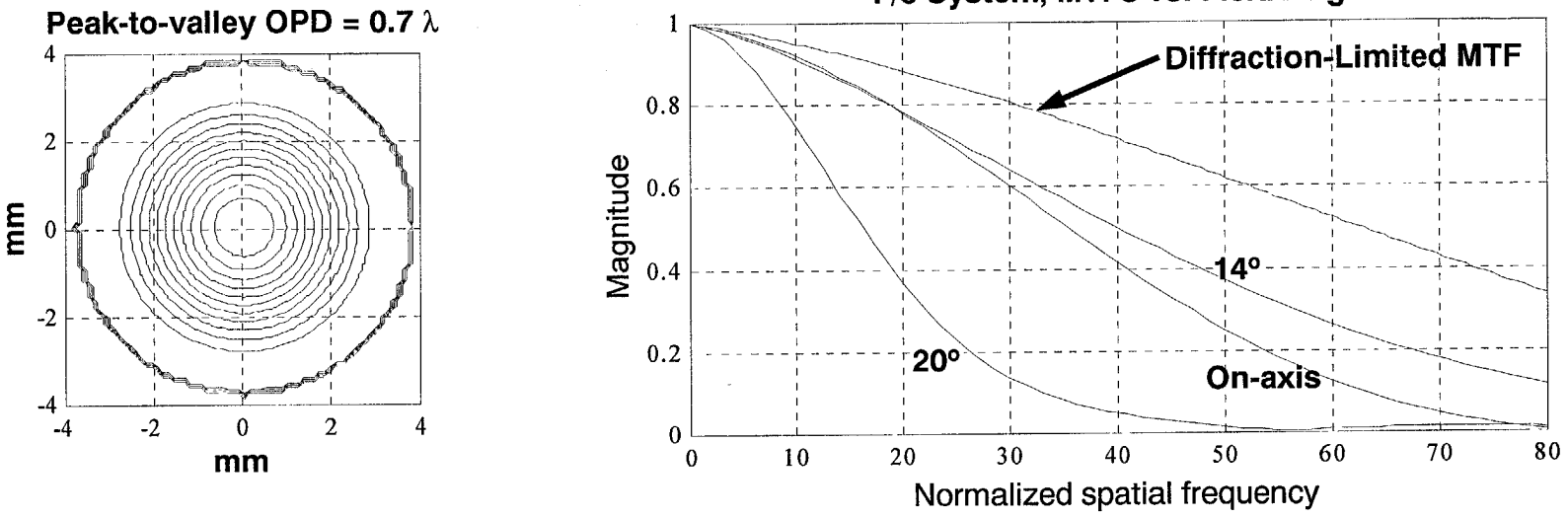


Figure 10A (Prior Art)

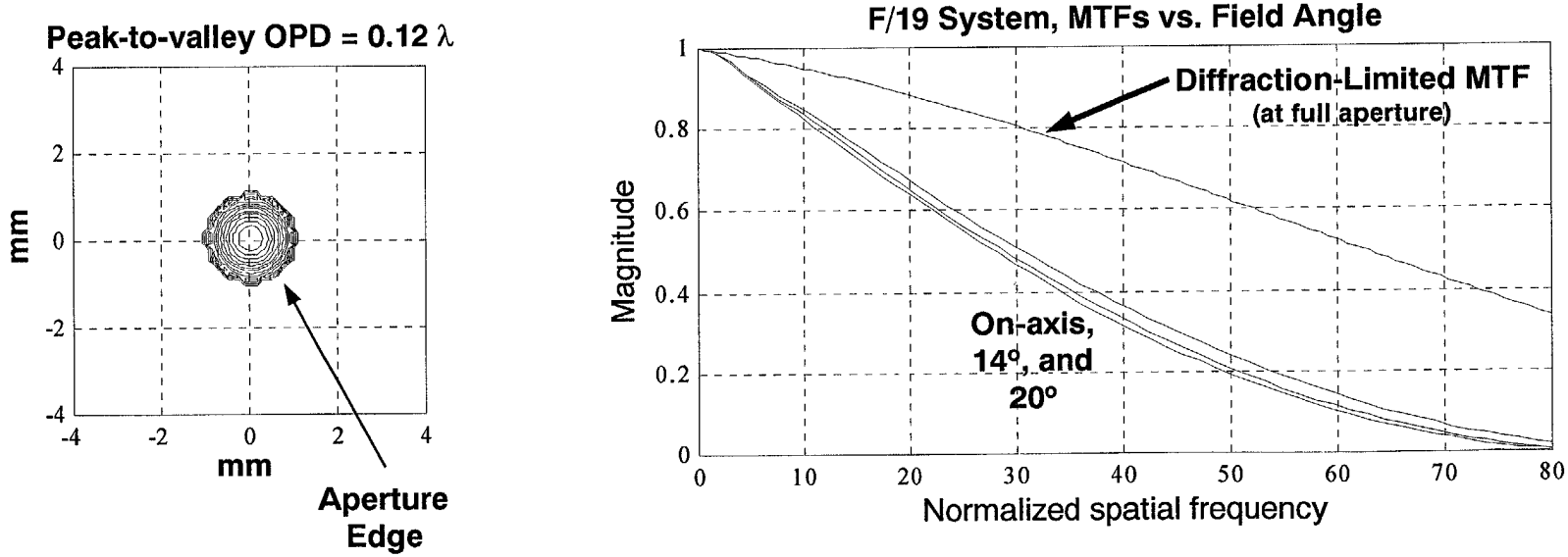


Figure 10B (Prior Art)

TOTE80" 26E2h660

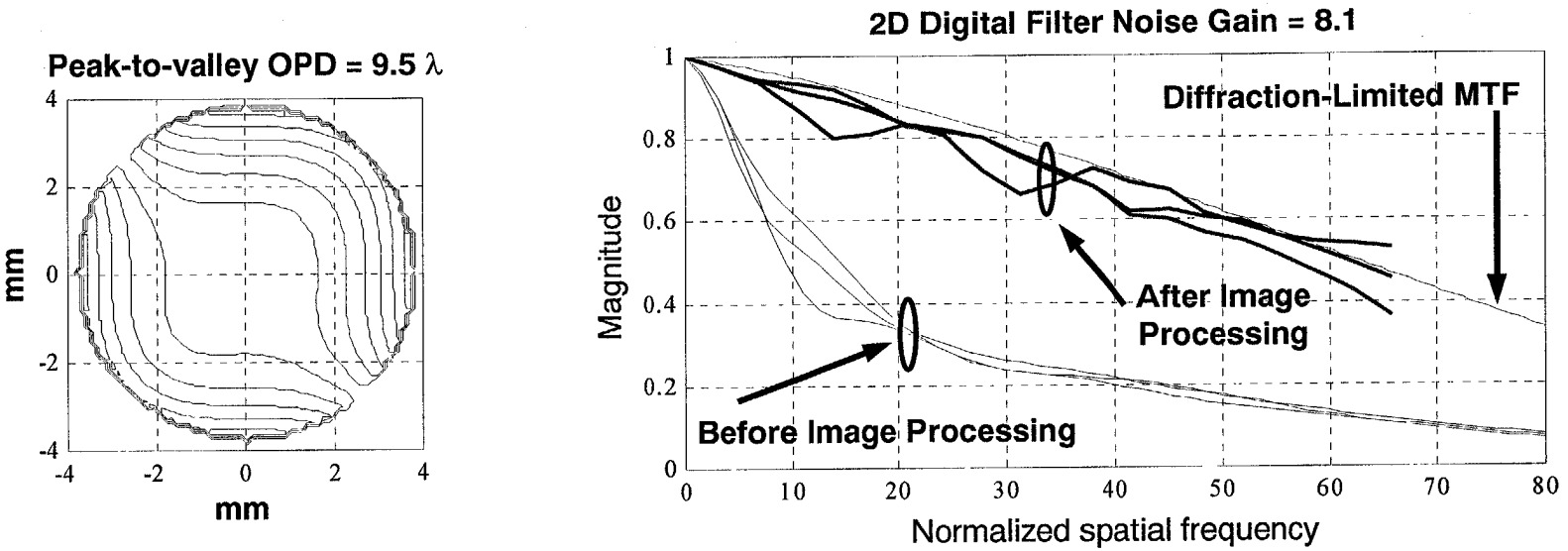


Figure 11A (Prior Art)

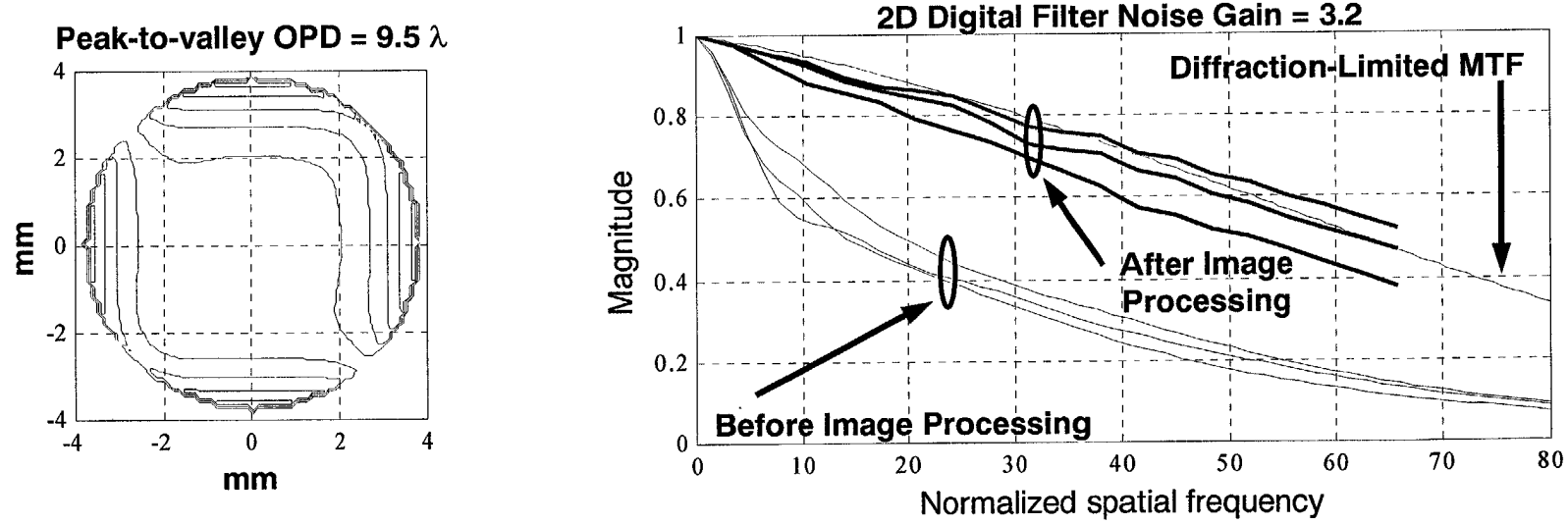


Figure 11B